

Rosario Nicoletti

List of Publications by Year in descending order

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81
papers

1,628
citations

279798

23
h-index

345221

36
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83
all docs

83
docs citations

83
times ranked

1678
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant Bioactive Metabolites and Drugs Produced by Endophytic Fungi of Spermatophyta. Agriculture (Switzerland), 2015, 5, 918-970.	3.1	117
2	Bioactive Compounds Produced by Strains of Penicillium and Talaromyces of Marine Origin. Marine Drugs, 2016, 14, 37.	4.6	111
3	Secondary metabolites from the endophytic fungus <i>Talaromyces pinophilus</i> . Natural Product Research, 2017, 31, 1778-1785.	1.8	85
4	Antagonism against <i>Rhizoctonia solani</i> and fungitoxic metabolite production by some <i>Penicillium</i> isolates. Mycopathologia, 2004, 158, 465-474.	3.1	61
5	Co-Culture of Plant Beneficial Microbes as Source of Bioactive Metabolites. Scientific Reports, 2017, 7, 14330.	3.3	55
6	Artemisinin reduces human melanoma cell migration by down-regulating $\alpha_3\beta_1$ integrin and reducing metalloproteinase 2 production. Investigational New Drugs, 2009, 27, 412-418.	2.6	54
7	Secondary Metabolites of Mangrove-Associated Strains of <i>Talaromyces</i> . Marine Drugs, 2018, 16, 12.	4.6	54
8	Cytosporin-related compounds from the marine-derived fungus <i>Eutypella scoparia</i> . Tetrahedron, 2008, 64, 5365-5369.	1.9	53
9	Production and fungitoxic activity of Sch 642305, a secondary metabolite of <i>Penicillium canescens</i> . Mycopathologia, 2007, 163, 295-301.	3.1	51
10	3-o-Methylfunicone, a fungitoxic metabolite produced by the fungus <i>Penicillium pinophilum</i> . Phytochemistry, 1999, 52, 1399-1401.	2.9	46
11	The Genus <i>Cladosporium</i> : A Rich Source of Diverse and Bioactive Natural Compounds. Molecules, 2021, 26, 3959.	3.8	43
12	Cytostatic Properties of a Novel Compound Derived from <i>Penicillium pinophilum</i> : An In Vitro Study. ATLA Alternatives To Laboratory Animals, 2002, 30, 69-75.	1.0	38
13	Crop Systems, Quality and Protection of <i>Diplotaxis tenuifolia</i> . Agriculture (Switzerland), 2018, 8, 55.	3.1	36
14	The Thin Line between Pathogenicity and Endophytism: The Case of <i>Lasiodiplodia theobromae</i> . Agriculture (Switzerland), 2020, 10, 488.	3.1	33
15	The Marine-Derived Filamentous Fungi in Biotechnology. Grand Challenges in Biology and Biotechnology, 2018, , 157-189.	2.4	32
16	Bioactive Compounds from Marine-Derived <i>Aspergillus</i> , <i>Penicillium</i> , <i>Talaromyces</i> and <i>Trichoderma</i> Species. Marine Drugs, 2018, 16, 408.	4.6	31
17	Endophytism of <i>Lecanicillium</i> and <i>Akanthomyces</i> . Agriculture (Switzerland), 2020, 10, 205.	3.1	30
18	Occurrence and Bioactivities of Funicone-Related Compounds. International Journal of Molecular Sciences, 2009, 10, 1430-1444.	4.1	29

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19	3-O-methylfunicone produced by <i>penicillium pinophilum</i> affects cell motility of breast cancer cells, downregulating β 2 integrin and inhibiting metalloproteinase-9 secretion. <i>Molecular Carcinogenesis</i> , 2007, 46, 930-940.	2.7	27
20	Establishment of pressurized-liquid extraction by response surface methodology approach coupled to HPLC-DAD-TOF-MS for the determination of phenolic compounds of myrtle leaves. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3547-3557.	3.7	27
21	GC-MS approaches for the screening of metabolites produced by marine-derived <i>Aspergillus</i> . <i>Marine Chemistry</i> , 2018, 206, 19-33.	2.3	26
22	Endophytism of <i>Penicillium</i> Species in Woody Plants. <i>The Open Mycology Journal</i> , 2014, 8, 1-26.	0.8	26
23	Endophytic Fungi of Olive Tree. <i>Microorganisms</i> , 2020, 8, 1321.	3.6	25
24	Inhibitory effect of trichodermanone C, a sorbicillinoid produced by <i>Trichoderma citrinoviride</i> associated to the green alga <i>Cladophora</i> sp., on nitrite production in LPS-stimulated macrophages. <i>Natural Product Research</i> , 2019, 33, 3389-3397.	1.8	24
25	Myrtucommulone production by a strain of <i>Neofusicoccum australe</i> endophytic in myrtle (<i>Myrtus</i>) Tj ETQq1 1 0.784314 rgBT/Overlook	3.6	23
26	Characterization of <i>Rhizoctonia solani</i> Isolates from Tobacco Fields Related to Anastomosis Groups 2-1 and BI (AG 2-1 and AG BI). <i>Journal of Phytopathology</i> , 1999, 147, 71-77.	1.0	23
27	3-O-Methylfunicone, a secondary metabolite produced by <i>Penicillium pinophilum</i> , induces growth arrest and apoptosis in HeLa cells. <i>Cell Proliferation</i> , 2004, 37, 413-426.	5.3	22
28	Bioprospecting for antagonistic <i>Penicillium</i> strains as a resource of new antitumor compounds. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 189-195.	3.6	19
29	3-O-methylfunicone, a metabolite of <i>Penicillium pinophilum</i> , inhibits proliferation of human melanoma cells by causing G ₂ M arrest and inducing apoptosis. <i>Cell Proliferation</i> , 2009, 42, 541-553.	5.3	19
30	3-O-methylfunicone, from <i>Penicillium pinophilum</i> , is a selective inhibitor of breast cancer stem cells. <i>Cell Proliferation</i> , 2011, 44, 401-409.	5.3	19
31	Talarodiolide, a New 12-Membered Macrodilide, and GC/MS Investigation of Culture Filtrate and Mycelial Extracts of <i>Talaromyces pinophilus</i> . <i>Molecules</i> , 2018, 23, 950.	3.8	17
32	Cell-growth and migration inhibition of human mesothelioma cells induced by 3-O-Methylfunicone from <i>Penicillium pinophilum</i> and cisplatin. <i>Investigational New Drugs</i> , 2012, 30, 1343-1351.	2.6	16
33	Structures and Bioactive Properties of Myrtucommulones and Related Acylphloroglucinols from Myrtaceae. <i>Molecules</i> , 2018, 23, 3370.	3.8	16
34	Bioactive Products from Endophytic Fungi of Sages (<i>Salvia</i> spp.). <i>Agriculture (Switzerland)</i> , 2020, 10, 543.	3.1	15
35	Bivalent Metal-Chelating Properties of Harzianic Acid Produced by <i>Trichoderma pleuroticola</i> Associated to the Gastropod <i>Melarhaphe neritoides</i> . <i>Molecules</i> , 2020, 25, 2147.	3.8	15
36	Phylogenetic Characterization of <i>Botryosphaeria</i> Strains Associated with <i>Asphondylia</i> Galls on Species of <i>Lamiaceae</i> . <i>Diversity</i> , 2020, 12, 41.	1.7	15

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37	Talaromyces "Insect Relationships. <i>Microorganisms</i> , 2022, 10, 45.	3.6	14
38	3-O-Methylfunicone, a metabolite produced by <i>Penicillium pinophilum</i> , modulates ERK1/2 activity, affecting cell motility of human mesothelioma cells. <i>Cell Proliferation</i> , 2010, 43, 114-123.	5.3	13
39	The Issue of Misidentification of Kojic Acid with Flufuran in <i>Aspergillus flavus</i> . <i>Molecules</i> , 2019, 24, 1709.	3.8	13
40	Endophytic Fungi of Citrus Plants. <i>Agriculture (Switzerland)</i> , 2019, 9, 247.	3.1	12
41	Identification of the Main Metabolites of a Marine-Derived Strain of <i>Penicillium brevicompactum</i> Using LC and GC MS Techniques. <i>Metabolites</i> , 2020, 10, 55.	2.9	12
42	Coordination Properties of the Fungal Metabolite Harzianic Acid Toward Toxic Heavy Metals. <i>Toxics</i> , 2021, 9, 19.	3.7	12
43	Structural and Bioactive Properties of 3-O-Methylfunicone. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 14, 1043-1047.	2.4	12
44	Using Next-Generation Sequencing Technology to Explore Genetic Pathways in Endophytic Fungi in the Syntheses of Plant Bioactive Metabolites. <i>Agriculture (Switzerland)</i> , 2022, 12, 187.	3.1	12
45	Ecological and Molecular Interactions between Insects and Fungi. <i>Microorganisms</i> , 2022, 10, 96.	3.6	12
46	Occurrence and Properties of Thiosilvatins. <i>Marine Drugs</i> , 2019, 17, 664.	4.6	11
47	New <i>Cladosporium</i> Species from Normal and Galled Flowers of Lamiaceae. <i>Pathogens</i> , 2021, 10, 369.	2.8	11
48	Endophytic Fungi and Ecological Fitness of Chestnuts. <i>Plants</i> , 2021, 10, 542.	3.5	11
49	First report of the gall midge <i>Asphondylia serpylli</i> on thyme (<i>Thymus vulgaris</i>), and identification of the associated fungal symbiont. <i>Annals of Applied Biology</i> , 2017, 171, 89-94.	2.5	10
50	Characterization of <i>Rhizoctonia solani</i> Isolates from Tobacco Fields Related to Anastomosis Groups 2-1 and BI (AG 2-1 and AG BI). <i>Journal of Phytopathology</i> , 1999, 147, 71-77.	1.0	10
51	Antiviral Property of the Fungal Metabolite 3-O-Methylfunicone in Bovine Herpesvirus 1 Infection. <i>Microorganisms</i> , 2022, 10, 188.	3.6	10
52	First report of <i>Rhizoctonia solani</i> on <i>Diplotaxis tenuifolia</i> in Italy. <i>Plant Pathology</i> , 2004, 53, 811-811.	2.4	9
53	A New Gall Midge Species of <i>Asphondylia</i> (Diptera: Cecidomyiidae) Inducing Flower Galls on <i>Clinopodium nepeta</i> (Lamiaceae) From Europe, Its Phenology, and Associated Fungi. <i>Environmental Entomology</i> , 2018, 47, 609-622.	1.4	9
54	The Shifting Mycotoxin Profiles of Endophytic <i>Fusarium</i> Strains: A Case Study. <i>Agriculture (Switzerland)</i> , 2019, 9, 143.	3.1	9

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55	Cryptic Diversity in <i>Cladosporium cladosporioides</i> Resulting from Sequence-Based Species Delimitation Analyses. <i>Pathogens</i> , 2021, 10, 1167.	2.8	7
56	Recovery of <i>Rhizoctonia solani</i> AG-5 from Tobacco in Italy. <i>Plant Disease</i> , 1995, 79, 540.	1.4	7
57	Patenting <i>Penicillium</i> Strains. <i>Recent Patents on Biotechnology</i> , 2012, 6, 81-96.	0.8	6
58	Productivity, nutritional and functional qualities of perennial wall-rocket: Effects of pre-harvest factors. <i>Folia Horticulturae</i> , 2019, 31, 71-80.	1.8	6
59	Secondary Metabolites, including a New 5,6-Dihydropyran-2-One, Produced by the Fungus <i>Diplodia corticola</i> . Aphicidal Activity of the Main Metabolite, Sphaeropsidin A. <i>Molecules</i> , 2022, 27, 2327.	3.8	6
60	Essential Oils in Citrus Fruit Ripening and Postharvest Quality. <i>Horticulturae</i> , 2022, 8, 396.	2.8	6
61	Structure Elucidation of a Novel Funicone-Like Compound Produced by <i>Penicillium Pinophilum</i> . <i>Natural Product Research</i> , 2002, 16, 207-211.	0.4	5
62	An Integrative Study on <i>Asphondylia</i> spp. (Diptera: Cecidomyiidae), Causing Flower Galls on Lamiaceae, with Description, Phenology, and Associated Fungi of Two New Species. <i>Insects</i> , 2021, 12, 958.	2.2	5
63	New Insights into Chemical and Biological Properties of Funicone-like Compounds. <i>Toxins</i> , 2022, 14, 466.	3.4	5
64	First Report of Damping-Off Caused by <i>Rhizoctonia solani</i> AG-4 on <i>Lagunaria patersonii</i> in Italy. <i>Plant Disease</i> , 2008, 92, 836-836.	1.4	4
65	First Report of Damping-Off on African Daisy Caused by <i>Rhizoctonia solani</i> AG-4 in Italy. <i>Plant Disease</i> , 2008, 92, 1367-1367.	1.4	4
66	First Report of Web Blight on Yellow-Sage (<i>Lantana camara</i>) Caused by <i>Rhizoctonia solani</i> in Europe. <i>Plant Disease</i> , 2003, 87, 875-875.	1.4	4
67	Antitumor Metabolites of Fungi. <i>Current Bioactive Compounds</i> , 2015, 10, 207-244.	0.5	4
68	Antitumor and Immunomodulatory Compounds from Fungi. , 2021, , 683-709.		3
69	Mitidjospirone, a new spirodioxynaphthalene and GC-MS screening of secondary metabolites produced by strains of <i>Lasiodiplodia mitidjana</i> associated to <i>Citrus sinensis</i> dieback. <i>Natural Product Research</i> , 2021, , 1-10.	1.8	3
70	First Report of Crown and Root Rot Caused by <i>Rhizoctonia solani</i> AG-4 on Orange Jessamine in Italy. <i>Plant Disease</i> , 2009, 93, 204-204.	1.4	3
71	Interaction of the Fungal Metabolite Harzianic Acid with Rare-Earth Cations (La^{3+} , Nd^{3+} , Sm^{3+} , Gd^{3+}). <i>Molecules</i> , 2022, 27, 1959.	3.8	3
72	The need for a coordinated action to elucidate ecological occurrence and functions of endophytic fungal communities. <i>Folia Horticulturae</i> , 2021, 33, 1-7.	1.8	2

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73	First Report of Crown Rot, Stem Rot, and Root Rot Caused by Binucleate <i>Rhizoctonia</i> AG-G on <i>Viburnum tinus</i> in Italy. <i>Plant Disease</i> , 2009, 93, 433-433.	1.4	2
74	Defensive Mutualism of Endophytic Fungi: Effects of Sphaeropsidin A against a Model Lepidopteran Pest. , 0, , .		2
75	In vitro evaluation of fungal antagonists of <i>Phytophthora nicotianae</i> . <i>Plant Protection Science</i> , 2002, 38, 634-637.	1.4	1
76	Spectroscopic Characterization of a Pyridine Alkaloid from an Endophytic Strain of the <i>Fusarium incarnatum-equiseti</i> Species Complex. <i>Current Bioactive Compounds</i> , 2014, 10, 196-200.	0.5	1
77	Distinction Between <i>Penicillium canescens</i> and <i>Penicillium janczewskii</i> by Means of Polygalacturonase and Esterase Isozyme Analysis. <i>The Open Mycology Journal</i> , 2008, 2, 100-104.	0.8	1
78	First Report of a Blight Caused by <i>Rhizoctonia solani</i> on <i>Anubias heterophylla</i> in Italy. <i>Plant Disease</i> , 2003, 87, 1005-1005.	1.4	1
79	Occurrence and Functions of Endophytic Fungi in Crop Species. <i>Agriculture (Switzerland)</i> , 2021, 11, 18.	3.1	1
80	Anastomosis Groups and Pathogenicity of <i>Rhizoctonia Solani</i> Isolates From Tobacco in Italy. <i>Developments in Plant Pathology</i> , 1997, , 325-327.	0.1	0
81	Occurrence of <i>Cercospora insulana</i> on <i>statice</i> (<i>Limonium sinuatum</i>) in Italy. <i>Plant Pathology</i> , 2003, 52, 418-418.	2.4	0