

Francesco Vinale

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4832914/publications.pdf>

Version: 2024-02-01

99
papers

5,705
citations

117625

34
h-index

79698

73
g-index

100
all docs

100
docs citations

100
times ranked

4609
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Biostimulant Applications of <i>Trichoderma</i> spp. with Fatty Acid Mixtures Improve Biocontrol Activity, Horticultural Crop Yield and Nutritional Quality. <i>Agronomy</i> , 2022, 12, 275.	3.0	7
2	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
3	In Vitro Application of Exogenous Fibrolytic Enzymes from <i>Trichoderma</i> Spp. to Improve Feed Utilization by Ruminants. <i>Agriculture (Switzerland)</i> , 2022, 12, 573.	3.1	10
4	Editorial: Molecular Intricacies of <i>Trichoderma</i> -Plant-Pathogen Interactions. <i>Frontiers in Fungal Biology</i> , 2022, 3, .	2.0	2
5	<i>Trichoderma</i> Enzymes for Degradation of Aflatoxin B1 and Ochratoxin A. <i>Molecules</i> , 2022, 27, 3959.	3.8	14
6	Antimicrobial activity of harzianic acid against <i>Staphylococcus pseudintermedius</i> . <i>Natural Product Research</i> , 2021, 35, 5440-5445.	1.8	13
7	Metabolites of a <i>Drechslera</i> sp. endophyte with potential as biocontrol and bioremediation agent. <i>Natural Product Research</i> , 2021, 35, 4508-4516.	1.8	22
8	Biochar-derived smoke-water exerts biological effects on nematodes, insects, and higher plants but not fungi. <i>Science of the Total Environment</i> , 2021, 750, 142307.	8.0	12
9	Increased water use efficiency in miR396-downregulated tomato plants. <i>Plant Science</i> , 2021, 303, 110729.	3.6	10
10	<i>Trichoderma</i> spp. and a carob (<i>Ceratonia siliqua</i>) galactomannan to control the root-knot nematode <i>Meloidogyne incognita</i> on tomato plants. <i>Canadian Journal of Plant Pathology</i> , 2021, 43, 267-274.	1.4	7
11	Coordination Properties of the Fungal Metabolite Harzianic Acid Toward Toxic Heavy Metals. <i>Toxics</i> , 2021, 9, 19.	3.7	12
12	<i>Trichoderma</i> Strains and Metabolites Selectively Increase the Production of Volatile Organic Compounds (VOCs) in Olive Trees. <i>Metabolites</i> , 2021, 11, 213.	2.9	20
13	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
14	Bioformulations with Beneficial Microbial Consortia, a Bioactive Compound and Plant Biopolymers Modulate Sweet Basil Productivity, Photosynthetic Activity and Metabolites. <i>Pathogens</i> , 2021, 10, 870.	2.8	22
15	Effect of Selected <i>Trichoderma</i> Strains and Metabolites on Olive Drupes. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8710.	2.5	10
16	Improvement of Nutraceutical Value of Parsley Leaves (<i>Petroselinum crispum</i>) upon Field Applications of Beneficial Microorganisms. <i>Horticulturae</i> , 2021, 7, 281.	2.8	7
17	Fungal Secondary Metabolism. , 2021, , 54-63.		0
18	Metabolic Profile and Mycoherbicidal Activity of Three <i>Alternaria alternata</i> Isolates for the Control of <i>Convolvulus arvensis</i> , <i>Sonchus oleraceus</i> , and <i>Xanthium strumarium</i> . <i>Pathogens</i> , 2021, 10, 1448.	2.8	4

#	ARTICLE	IF	CITATIONS
19	Editorial: Designing Bio-Formulations Based on Organic Amendments, Beneficial Microbes and Their Metabolites. <i>Frontiers in Microbiology</i> , 2021, 12, 832149.	3.5	2
20	Editorial: The Plant Holobiont Volume II: Impacts of the Rhizosphere on Plant Health. <i>Frontiers in Plant Science</i> , 2021, 12, 809291.	3.6	2
21	An Innovative Olive Pectin with Nutraceutical Properties. <i>Antioxidants</i> , 2020, 9, 581.	5.1	26
22	A Survey of Endophytic Fungi Associated with High-Risk Plants Imported for Ornamental Purposes. <i>Agriculture (Switzerland)</i> , 2020, 10, 643.	3.1	8
23	The Application of Trichoderma Strains or Metabolites Alters the Olive Leaf Metabolome and the Expression of Defense-Related Genes. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 369.	3.5	15
24	Symbiosis disruption in the olive fruit fly, <i>Bactrocera oleae</i> (Rossi), as a potential tool for sustainable control. <i>Pest Management Science</i> , 2020, 76, 3199-3207.	3.4	19
25	Organic Amendments Modulate Soil Microbiota and Reduce Virus Disease Incidence in the TSWV-Tomato Pathosystem. <i>Pathogens</i> , 2020, 9, 379.	2.8	27
26	Milk Metabolomics Reveals Potential Biomarkers for Early Prediction of Pregnancy in Buffaloes Having Undergone Artificial Insemination. <i>Animals</i> , 2020, 10, 758.	2.3	5
27	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
28	Antibiotic Activity of a <i>Paraphaeosphaeria sporulosa</i> -Produced Diketopiperazine against <i>Salmonella enterica</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 83.	3.5	9
29	Autotrophic and Heterotrophic Growth Conditions Modify Biomolecule Production in the Microalga <i>Galdieria sulphuraria</i> (Cyanidiophyceae, Rhodophyta). <i>Marine Drugs</i> , 2020, 18, 169.	4.6	18
30	An Environmentally Friendly Practice Used in Olive Cultivation Capable of Increasing Commercial Interest in Waste Products from Oil Processing. <i>Antioxidants</i> , 2020, 9, 466.	5.1	19
31	Application of <i>Trichoderma harzianum</i> , 6-Pentyl- δ -pyrone and Plant Biopolymer Formulations Modulate Plant Metabolism and Fruit Quality of Plum Tomatoes. <i>Plants</i> , 2020, 9, 771.	3.5	46
32	Changes in Bull Semen Metabolome in Relation to Cryopreservation and Fertility. <i>Animals</i> , 2020, 10, 1065.	2.3	16
33	Beneficial effects of <i>Trichoderma</i> secondary metabolites on crops. <i>Phytotherapy Research</i> , 2020, 34, 2835-2842.	5.8	79
34	Trichoderma Applications on Strawberry Plants Modulate the Physiological Processes Positively Affecting Fruit Production and Quality. <i>Frontiers in Microbiology</i> , 2020, 11, 1364.	3.5	49
35	Methyl t-butyl ether-degrading bacteria for bioremediation and biocontrol purposes. <i>PLoS ONE</i> , 2020, 15, e0228936.	2.5	4
36	A Preliminary Study on Metabolome Profiles of Buffalo Milk and Corresponding Mozzarella Cheese: Safeguarding the Authenticity and Traceability of Protected Status Buffalo Dairy Products. <i>Molecules</i> , 2020, 25, 304.	3.8	22

#	ARTICLE	IF	CITATIONS
37	The fate of cigarette butts in different environments: Decay rate, chemical changes and ecotoxicity revealed by a 5-years decomposition experiment. <i>Environmental Pollution</i> , 2020, 261, 114108.	7.5	55
38	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
39	Antibiofilm Activity of a <i>Trichoderma</i> Metabolite against <i>Xanthomonas campestris</i> pv. <i>campestris</i> , Alone and in Association with a Phage. <i>Microorganisms</i> , 2020, 8, 620.	3.6	10
40	Effects of <i>Trichoderma</i> Biostimulation on the Phenolic Profile of Extra-Virgin Olive Oil and Olive Oil By-Products. <i>Antioxidants</i> , 2020, 9, 284.	5.1	36
41	Effect of <i>Trichoderma</i> Bioactive Metabolite Treatments on the Production, Quality, and Protein Profile of Strawberry Fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7246-7258.	5.2	24
42	New Strategies in the Cultivation of Olive Trees and Repercussions on the Nutritional Value of the Extra Virgin Olive Oil. <i>Molecules</i> , 2020, 25, 2345.	3.8	25
43	Methyl t-butyl ether-degrading bacteria for bioremediation and biocontrol purposes. , 2020, 15, e0228936.		0
44	Methyl t-butyl ether-degrading bacteria for bioremediation and biocontrol purposes. , 2020, 15, e0228936.		0
45	Methyl t-butyl ether-degrading bacteria for bioremediation and biocontrol purposes. , 2020, 15, e0228936.		0
46	Methyl t-butyl ether-degrading bacteria for bioremediation and biocontrol purposes. , 2020, 15, e0228936.		0
47	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
48	The Shifting Mycotoxin Profiles of Endophytic <i>Fusarium</i> Strains: A Case Study. <i>Agriculture (Switzerland)</i> , 2019, 9, 143.	3.1	9
49	Reinforced Olive P&A© as a Source of Antioxidants with Positive Effects on Young Smokers. <i>Medicina (Lithuania)</i> , 2019, 55, 680.	2.0	1
50	Antimicrobial secondary metabolites from agriculturally important fungi as next biocontrol agents. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9287-9303.	3.6	68
51	Application of <i>Trichoderma</i> Strains and Metabolites Enhances Soybean Productivity and Nutrient Content. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1814-1822.	5.2	67
52	Chemical Analysis of <i>Lepidium meyenii</i> (Maca) and Its Effects on Redox Status and on Reproductive Biology in Stallions. <i>Molecules</i> , 2019, 24, 1981.	3.8	37
53	Chlamyphilone, a Novel <i>Pochonia chlamydosporia</i> Metabolite with Insecticidal Activity. <i>Molecules</i> , 2019, 24, 750.	3.8	12
54	Effect of <i>Trichoderma velutinum</i> and <i>Rhizoctonia solani</i> on the Metabolome of Bean Plants (<i>Phaseolus vulgaris</i> L.). <i>International Journal of Molecular Sciences</i> , 2019, 20, 549.	4.1	36

#	ARTICLE	IF	CITATIONS
55	Salinity and Temperature Influence Growth and Pigment Production in the Marine-Derived Fungal Strain <i>Talaromyces albiverticillius</i> 30548. <i>Microorganisms</i> , 2019, 7, 10.	3.6	29
56	Root Exudates of Stressed Plants Stimulate and Attract <i>Trichoderma</i> Soil Fungi. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 982-994.	2.6	147
57	Biochar chemistry defined by ¹³ C-CPMAS NMR explains opposite effects on soilborne microbes and crop plants. <i>Applied Soil Ecology</i> , 2018, 124, 351-361.	4.3	22
58	Bioactive Compounds from Marine-Derived <i>Aspergillus</i> , <i>Penicillium</i> , <i>Talaromyces</i> and <i>Trichoderma</i> Species. <i>Marine Drugs</i> , 2018, 16, 408.	4.6	31
59	Modulation of Tomato Response to <i>Rhizoctonia solani</i> by <i>Trichoderma harzianum</i> and Its Secondary Metabolite Harzianic Acid. <i>Frontiers in Microbiology</i> , 2018, 9, 1966.	3.5	126
60	Organic Amendments, Beneficial Microbes, and Soil Microbiota: Toward a Unified Framework for Disease Suppression. <i>Annual Review of Phytopathology</i> , 2018, 56, 1-20.	7.8	215
61	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
62	Biochars from olive mill waste have contrasting effects on plants, fungi and phytoparasitic nematodes. <i>PLoS ONE</i> , 2018, 13, e0198728.	2.5	40
63	Secondary metabolites from the endophytic fungus <i>Talaromyces pinophilus</i> . <i>Natural Product Research</i> , 2017, 31, 1778-1785.	1.8	85
64	Co-Culture of Plant Beneficial Microbes as Source of Bioactive Metabolites. <i>Scientific Reports</i> , 2017, 7, 14330.	3.3	55
65	Production and New Extraction Method of Polyketide Red Pigments Produced by Ascomycetous Fungi from Terrestrial and Marine Habitats. <i>Journal of Fungi (Basel, Switzerland)</i> , 2017, 3, 34.	3.5	61
66	Metabolomics by Proton High-Resolution Magic-Angle-Spinning Nuclear Magnetic Resonance of Tomato Plants Treated with Two Secondary Metabolites Isolated from <i>Trichoderma</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3538-3545.	5.2	56
67	Isolation, production and <i>in vitro</i> effects of the major secondary metabolite produced by <i>Trichoderma</i> species used for the control of grapevine trunk diseases. <i>Plant Pathology</i> , 2016, 65, 104-113.	2.4	48
68	Cremenolide, a new antifungal, 10-member lactone from <i>Trichoderma cremeum</i> with plant growth promotion activity. <i>Natural Product Research</i> , 2016, 30, 2575-2581.	1.8	51
69	Multiple Roles and Effects of a Novel <i>Trichoderma</i> Hydrophobin. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 167-179.	2.6	100
70	Total Synthesis and Biological Evaluation of the Tetramic Acid Based Natural Product Harzianic Acid and Its Stereoisomers. <i>Organic Letters</i> , 2015, 17, 692-695.	4.6	23
71	Biopesticides and Biofertilizers Based on Fungal Secondary Metabolites. <i>Journal of Biofertilizers & Biopesticides</i> , 2014, 05, .	0.8	3
72	Metabolites produced by <i>Gnomoniopsis castanea</i> associated with necrosis of chestnut galls. <i>Chemical and Biological Technologies in Agriculture</i> , 2014, 1, .	4.6	7

#	ARTICLE	IF	CITATIONS
73	Effect of metabolites from different <i>Trichoderma</i> strains on the growth of <i>Rosellinia necatrix</i> , the causal agent of avocado white root rot. <i>European Journal of Plant Pathology</i> , 2014, 140, 385-397.	1.7	10
74	A Novel Fungal Metabolite with Beneficial Properties for Agricultural Applications. <i>Molecules</i> , 2014, 19, 9760-9772.	3.8	89
75	<i>Trichoderma</i> -based Products and their Widespread Use in Agriculture. <i>The Open Mycology Journal</i> , 2014, 8, 71-126.	0.8	451
76	<i>Trichoderma</i> Secondary Metabolites Active on Plants and Fungal Pathogens. <i>The Open Mycology Journal</i> , 2014, 8, 127-139.	0.8	188
77	Harzianic acid: a novel siderophore from <i>Trichoderma harzianum</i> . <i>FEMS Microbiology Letters</i> , 2013, 347, n/a-n/a.	1.8	139
78	Beneficial effects of <i>Trichoderma</i> genus microbes on qualitative parameters of <i>Brassica rapa</i> L. subsp. <i>sylvestris</i> L. Janch. var. <i>esculenta</i> Hort.. <i>European Food Research and Technology</i> , 2013, 236, 1063-1071.	3.3	11
79	A Novel Antagonistic Strain of <i>Sepedonium chrysospermum</i> . <i>Journal of Nutritional Ecology and Food Research</i> , 2013, 1, 233-239.	0.1	1
80	Cerinolactone, a Hydroxy-Lactone Derivative from <i>Trichoderma cerinum</i> . <i>Journal of Natural Products</i> , 2012, 75, 103-106.	3.0	49
81	<i>Trichoderma</i> Secondary Metabolites that Affect Plant Metabolism. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	67
82	<i>Trichoderma</i> secondary metabolites that affect plant metabolism. <i>Natural Product Communications</i> , 2012, 7, 1545-50.	0.5	61
83	Detoxification of olive mill wastewaters by zinc-aluminium layered double hydroxides. <i>Applied Clay Science</i> , 2011, 53, 737-744.	5.2	16
84	Secondary metabolites produced by a root-inhabiting sterile fungus antagonistic towards pathogenic fungi. <i>Letters in Applied Microbiology</i> , 2010, 50, 380-385.	2.2	17
85	Effect of some rare earth elements on the growth and lanthanide accumulation in different <i>Trichoderma</i> strains. <i>Soil Biology and Biochemistry</i> , 2009, 41, 2406-2413.	8.8	95
86	Factors affecting the production of <i>Trichoderma harzianum</i> secondary metabolites during the interaction with different plant pathogens. <i>Letters in Applied Microbiology</i> , 2009, 48, 705-11.	2.2	114
87	Harzianic Acid, an Antifungal and Plant Growth Promoting Metabolite from <i>Trichoderma harzianum</i> . <i>Journal of Natural Products</i> , 2009, 72, 2032-2035.	3.0	194
88	Identification of a New Biocontrol Gene in <i>Trichoderma atroviride</i> : The Role of an ABC Transporter Membrane Pump in the Interaction with Different Plant-Pathogenic Fungi. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 291-301.	2.6	139
89	The Role of Natural Products in Plant-Microbe Interactions. , 2009, , 301-320.		6
90	<i>Trichoderma</i> "plant" pathogen interactions. <i>Soil Biology and Biochemistry</i> , 2008, 40, 1-10.	8.8	932

#	ARTICLE	IF	CITATIONS
91	Cloning and functional characterization of BcatrA, a gene encoding an ABC transporter of the plant pathogenic fungus <i>Botryotinia fuckeliana</i> (<i>Botrytis cinerea</i>). <i>Mycological Research</i> , 2008, 112, 737-746.	2.5	25
92	A novel role for <i>Trichoderma</i> secondary metabolites in the interactions with plants. <i>Physiological and Molecular Plant Pathology</i> , 2008, 72, 80-86.	2.5	441
93	Major secondary metabolites produced by two commercial <i>Trichoderma</i> strains active against different phytopathogens. <i>Letters in Applied Microbiology</i> , 2006, 43, 143-148.	2.2	241
94	An antifungal and plant growth promoting metabolite from a sterile dark ectotrophic fungus. <i>Phytochemistry</i> , 2006, 67, 2277-2280.	2.9	20
95	Study of the three-way interaction between <i>Trichoderma atroviride</i> , plant and fungal pathogens by using a proteomic approach. <i>Current Genetics</i> , 2006, 50, 307-321.	1.7	247
96	Substrate Specificity of Amadoriase I from <i>Aspergillus fumigatus</i> . <i>Annals of the New York Academy of Sciences</i> , 2005, 1043, 837-844.	3.8	11
97	Convenient Synthesis of Lactuloselysine and Its Use for LC-MS Analysis in Milk-like Model Systems. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 4700-4706.	5.2	13
98	A new fungal growth inhibitor from <i>Trichoderma viride</i> . <i>Tetrahedron</i> , 1997, 53, 3135-3144.	1.9	37
99	A novel understanding of the three-way interaction between <i>Trichoderma</i> spp., the colonized plant and fungal pathogens. , 0, , 291-309.		1