

Claudio Altomare

List of Publications by Year in descending order

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46
papers

1,915
citations

304743

22
h-index

265206

42
g-index

47
all docs

47
docs citations

47
times ranked

1972
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubilization of Phosphates and Micronutrients by the Plant-Growth-Promoting and Biocontrol Fungus <i>Trichoderma harzianum</i> Rifai 1295-22. <i>Applied and Environmental Microbiology</i> , 1999, 65, 2926-2933.	3.1	641
2	Natural occurrence of beauvericin in preharvest <i>Fusarium subglutinans</i> infected corn ears in Poland. <i>Journal of Agricultural and Food Chemistry</i> , 1993, 41, 2149-2152.	5.2	115
3	Biological Characterization of Fusapyrone and Deoxyfusapyrone, Two Bioactive Secondary Metabolites of <i>Fusarium semitectum</i> . <i>Journal of Natural Products</i> , 2000, 63, 1131-1135.	3.0	81
4	Induction of SA-signaling pathway and ethylene biosynthesis in <i>Trichoderma harzianum</i> -treated tomato plants after infection of the root-knot nematode <i>Meloidogyne incognita</i> . <i>Plant Cell Reports</i> , 2017, 36, 621-631.	5.6	78
5	Occurrence and toxicity of <i>Fusarium subglutinans</i> from Peruvian maize. <i>Mycopathologia</i> , 1993, 122, 185-190.	3.1	64
6	Toxicity assessment of metabolites of fungal biocontrol agents using two different (<i>Artemia salina</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	63
7	Improvement of biocontrol efficacy of <i>Trichoderma harzianum</i> vs. <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> through UV-induced tolerance to fusaric acid. <i>Biological Control</i> , 2013, 67, 397-408.	3.0	57
8	Production of type A trichothecenes and enniatin B by <i>Fusarium sambucinum</i> Fuckel sensu lato. <i>Mycopathologia</i> , 1995, 129, 177-181.	3.1	54
9	Cultural and toxigenic variability in <i>Fusarium acuminatum</i> . <i>Mycological Research</i> , 1992, 96, 518-523.	2.5	49
10	Investigations of Fungal Secondary Metabolites with Potential Anticancer Activity. <i>Journal of Natural Products</i> , 2010, 73, 969-971.	3.0	48
11	Fusapyrone and deoxyfusapyrone, two antifungal $\hat{\pm}$ -PyroneS From <i>Fusarium semitectum</i> . <i>Natural Toxins</i> , 1994, 2, 4-13.	1.0	47
12	Genomic characterization of <i>Trichoderma atrobrunneum</i> (<i>T. harzianum</i> species complex) ITEM 908: insight into the genetic endowment of a multi-target biocontrol strain. <i>BMC Genomics</i> , 2018, 19, 662.	2.8	41
13	Beneficial Soil Microorganisms, an Ecological Alternative for Soil Fertility Management. <i>Sustainable Agriculture Reviews</i> , 2011, , 161-214.	1.1	38
14	Structure-Activity Relationships of Derivatives of Fusapyrone, an Antifungal Metabolite of <i>Fusarium semitectum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2997-3001.	5.2	37
15	Taxonomic relationships among the toxigenic species <i>Fusarium acuminatum</i> , <i>Fusarium sporotrichioides</i> and <i>Fusarium tricinctum</i> by isozyme analysis and RAPD assay. <i>Canadian Journal of Botany</i> , 1997, 75, 1674-1684.	1.1	36
16	Bisorbicillinoids Produced by the Fungus <i>Trichoderma citrinoviride</i> Affect Feeding Preference of the Aphid <i>Schizaphis graminum</i> . <i>Journal of Chemical Ecology</i> , 2009, 35, 533-541.	1.8	36
17	Bioremediation of aflatoxin B1-contaminated maize by king oyster mushroom (<i>Pleurotus eryngii</i>). <i>PLoS ONE</i> , 2017, 12, e0182574.	2.5	35
18	Isolation and characterisation of a trichodiene synthase homologous gene in <i>Trichoderma harzianum</i> . <i>Physiological and Molecular Plant Pathology</i> , 2004, 65, 11-20.	2.5	32

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19	Citrantifidiene and Citrantifidiol: Bioactive Metabolites Produced by <i>Trichoderma citrinoviride</i> with Potential Antifeedant Activity toward Aphids. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 3569-3573.	5.2	32
20	Chemotaxonomic Observations on Zearalenone and Trichothecene Production by <i>Gibberella Zeae</i> from Cereals in Southern Italy. <i>Mycologia</i> , 1988, 80, 892-895.	1.9	31
21	Degradation of Aflatoxin B1 by a Sustainable Enzymatic Extract from Spent Mushroom Substrate of <i>Pleurotus eryngii</i> . <i>Toxins</i> , 2020, 12, 49.	3.4	29
22	Long Chain Alcohols Produced by <i>Trichoderma citrinoviride</i> Have Phagodeterrent Activity against the Bird Cherry-Oat Aphid <i>Rhopalosiphum padi</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 297.	3.5	22
23	Paracelsin E, a New Peptaibol from <i>Trichoderma saturnisporum</i> . <i>Journal of Natural Products</i> , 1995, 58, 1745-1748.	3.0	20
24	In vitro activity of antimicrobial compounds against <i>Xylella fastidiosa</i> , the causal agent of the olive quick decline syndrome in Apulia (Italy). <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	19
25	Potential of <i>Trichoderma</i> spp. for Biocontrol of Aflatoxin-Producing <i>Aspergillus flavus</i> . <i>Toxins</i> , 2022, 14, 86.	3.4	18
26	Aflatoxin B1-Adsorbing Capability of <i>Pleurotus eryngii</i> Mycelium: Efficiency and Modeling of the Process. <i>Frontiers in Microbiology</i> , 2019, 10, 1386.	3.5	17
27	High performance liquid chromatography for the analysis of fusapyrone and deoxyfusapyrone, two antifungal \pm -pyrones from <i>Fusarium semitectum</i> . <i>Natural Toxins</i> , 1999, 7, 133-137.	1.0	16
28	Detection of fungal metabolites of various <i>Trichoderma</i> species by the aphid <i>Schizaphis graminum</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2007, 122, 77-86.	1.4	16
29	Chemotaxonomic Observations on Zearalenone and Trichothecene Production by <i>Gibberella zeae</i> from Cereals in Southern Italy. <i>Mycologia</i> , 1988, 80, 892.	1.9	15
30	Mycotoxins and Mycotoxigenic Fungi: Risk and Management. A Challenge for Future Global Food Safety and Security. , 2021, , 64-93.		15
31	Characterization of Italian Isolates of <i>Fusarium semitectum</i> from Alfalfa (<i>Medicago sativa</i> L.) by AFLP Analysis, Morphology, Pathogenicity and Toxin Production. <i>Journal of Phytopathology</i> , 2006, 154, 454-460.	1.0	13
32	Biochar and hydrochar from waste biomass promote the growth and enzyme activity of soil-resident ligninolytic fungi. <i>Heliyon</i> , 2019, 5, e02051.	3.2	12
33	Pathogenicity of <i>Fusarium graminearum</i> Chemotypes Towards Corn, Wheat, Triticale and Rye. <i>Journal of Phytopathology</i> , 1990, 130, 197-204.	1.0	11
34	Production of neosolaniol by <i>Fusarium tumidum</i> . <i>Mycopathologia</i> , 1995, 130, 179-184.	3.1	11
35	Development of a PCR-based assay for the detection of <i>Fusarium oxysporum</i> strain FT2, a potential mycoherbicide of <i>Orobanche ramosa</i> . <i>Biological Control</i> , 2009, 50, 78-84.	3.0	11
36	Inhibition of Species of the <i>Aspergillus</i> Section <i>Nigri</i> and Ochratoxin A Production in Grapes by Fusapyrone. <i>Applied and Environmental Microbiology</i> , 2008, 74, 2248-2253.	3.1	10

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37	Fusarium species associated with banana fruit rot and their potential toxigenicity. Mycotoxin Research, 1995, 11, 93-98.	2.3	8
38	Detection of peptaibols and their hydrolysis products in cultures of Trichoderma species. Natural Toxins, 1994, 2, 360-5.	1.0	8
39	Chemotaxonomic observations on zearalenone and trichotecenes production by Gibberella zeae from cereals in Southern Italy. Mycotoxin Research, 1987, 3, 9-10.	2.3	7
40	Interactions between Onychiurus armatus and Trichoderma harzianum in take-all disease suppression in a simple experimental system. European Journal of Soil Biology, 2002, 38, 71-74.	3.2	7
41	Fusapyrone and Deoxyfusapyrone from Fusarium semitectumi Production and Biological Activities. Cereal Research Communications, 1997, 25, 349-351.	1.6	6
42	HOW FUNGI INTERACT WITH NEMATODE TO ACTIVATE THE PLANT DEFENCE RESPONSE TO TOMATO PLANTS. Communications in Agricultural and Applied Biological Sciences, 2014, 79, 357-63.	0.0	6
43	Assessing potential cytotoxicity of biocontrol microorganisms using invertebrate assays.. , 2012, , 240-255.		2
44	Detection of peptaibols and their hydrolysis products in cultures of <i>Trichoderma</i> species. Natural Toxins, 1994, 2, 360-365.	1.0	1
45	Clustering of Toxigenic Fungi Determined by rDNA Sequences. Cereal Research Communications, 1997, 25, 259-264.	1.6	0
46	Molecular and Biochemical Characterization of Two Atypical Toxigenic Populations of Fusarium Camptoceras. Cereal Research Communications, 1997, 25, 607-608.	1.6	0