Antonella Canini

List of Publications by Year
in descending order

116 papers	2,811 citations	182225 30 h-index	263392 45 g-index
119 all docs	119 docs citations	119 times ranked	4052 citing authors

#	Article	IF	Citations
1	Archaeobotanical record from dental calculus of a Roman individual affected by bilateral temporo-mandibular joint ankylosis. Quaternary International, 2023, 653-654, 82-88.	0.7	7
2	MicroRNA Expression Profiles in Moringa oleifera Lam. Seedlings at Different Growth Conditions. Journal of Plant Growth Regulation, 2023, 42, 2115-2123.	2.8	7
3	Phytochemicals and quality level of food plants grown in an aquaponics system. Journal of the Science of Food and Agriculture, 2022, 102, 844-850.	1.7	22
4	Forensic Application of Genetic and Toxicological Analyses for the Identification and Characterization of the Opium Poppy (Papaver somniferum L.). Biology, 2022, 11, 672.	1.3	2
5	Antimicrobial and anti-inflammatory activities of three halophyte plants from Algeria and detection of some biomolecules by HPLC-DAD. Natural Product Research, 2021, 35, 2107-2111.	1.0	5
6	Arabidopsis Defense against the Pathogenic Fungus Drechslera gigantea Is Dependent on the Integrity of the Unfolded Protein Response. Biomolecules, 2021, 11, 240.	1.8	7
7	The antimicrobial activity of Lavandula angustifolia Mill. essential oil against Staphylococcus species in a hospital environment. Journal of Herbal Medicine, 2021, 26, 100426.	1.0	17
8	Influence of plant and environment parameters on phytochemical composition and biological properties of Pistacia atlantica Desf.. Biochemical Systematics and Ecology, 2021, 95, 104231.	0.6	14
9	Valorization of Algerian Saffron: Stigmas and Flowers as Source of Bioactive Compounds. Waste and Biomass Valorization, 2021, 12, 6671-6683.	1.8	15
10	Environmental implications and evidence of natural products from dental calculi of a Neolithicâ€“Chalcolithic community (central Italy). Scientific Reports, 2021, 11, 10665.	1.6	5
11	Investigating the Drought and Salinity Effect on the Redox Components of Sulla coronaria (L.) Medik. Antioxidants, 2021, 10, 1048.	2.2	26
12	Exploiting the Potential in Water Cleanup from Metals and Nutrients of Desmodesmus sp. and Ampelodesmos mauritanicus. Plants, 2021, 10, 1461.	1.6	5
13	Plant miR171 modulates mTOR pathway in HEK293 cells by targeting GNA12. Molecular Biology Reports, 2021, 48, 435-449.	1.0	23
14	Stable Semi-Transparent Dye-Sensitized Solar Modules and Panels for Greenhouse Application. Energies, 2021, 14, 6393.	1.6	40
15	Back to the roots: dental calculus analysis of the first documented case of coeliac disease. Archaeological and Anthropological Sciences, 2020, 12, 1.	0.7	13
16	More nature in the city. Plant Biosystems, 2020, 154, 1003-1006.	0.8	21
17	Investigating Plant Micro-Remains Embedded in Dental Calculus of the Phoenician Inhabitants of Motya (Sicily, Italy). Plants, 2020, 9, 1395.	1.6	12
18	Oregano Phytocomplex Induces Programmed Cell Death in Melanoma Lines via Mitochondria and DNA Damage. Foods, 2020, 9, 1486.	1.9	13

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19	Chemical signatures of femoral pore secretions in two syntopic but reproductively isolated species of GalÃ¡pagos land iguanas (Conolophus marthae and C. subcristatus). Scientific Reports, 2020, 10, 14314.	1.6	5
20	Helichrysum italicum (Roth) G. Don essential oil: Composition and potential antineoplastic effect. South African Journal of Botany, 2020, 133, 222-226.	1.2	16
21	Effect of microvesicles from Moringa oleifera containing miRNA on proliferation and apoptosis in tumor cell lines. Cell Death Discovery, 2020, 6, 43.	2.0	43
22	A multidisciplinary approach for investigating dietary and medicinal habits of the Medieval population of Santa Severa (7th-15th centuries, Rome, Italy). PLoS ONE, 2020, 15, e0227433.	1.1	24
23	Title is missing!. , 2020, 15, e0227433.		0
24	Title is missing!. , 2020, 15, e0227433.		0
25	Title is missing!. , 2020, 15, e0227433.		0
26	Title is missing!. , 2020, 15, e0227433.		0
27	Starch granules: a data collection of 40 food species. Plant Biosystems, 2019, 153, 273-279.	0.8	21
28	Induction of Antioxidant Metabolites in Moringa oleifera Callus by Abiotic Stresses. Journal of Natural Products, 2019, 82, 2379-2386.	1.5	17
29	Cytotoxic and apoptotic effects of different extracts of Moringaï¿½oleifera Lam on lymphoid and monocytoid cells. Experimental and Therapeutic Medicine, 2019, 18, 5-17.	0.8	19
30	Identification of microRNAs and relative target genes in Moringa oleifera leaf and callus. Scientific Reports, 2019, 9, 15145.	1.6	14
31	Adipocyte metabolism is improved by TNF receptor-targeting small RNAs identified from dried nuts. Communications Biology, 2019, 2, 317.	2.0	59
32	A multidisciplinary approach to investigate the osteobiography of the Roman Imperial population from Muracciola Torresina (Palestrina, Rome, Italy). Journal of Archaeological Science: Reports, 2019, 27, 101960.	0.2	2
33	Genetic structure and phylogeographic relationships of Fagus sylvatica L. woods in Lazio (Central) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	0
34	Plant defense factors involved in Olea europaea resistance against Xylella fastidiosa infection. Journal of Plant Research, 2019, 132, 439-455.	1.2	32
35	Antibacterial Activity of Different Blossom Honeys: New Findings. Molecules, 2019, 24, 1573.	1.7	110
36	Hydroalcoholic extract from Origanum vulgare induces a combined anti-mycobacterial and anti-inflammatory response in innate immune cells. PLoS ONE, 2019, 14, e0213150.	1.1	10

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37	GC/MS analysis, and antioxidant and antimicrobial activities of alkaloids extracted by polar and apolar solvents from the stems of Anabasis articulata. Medicinal Chemistry Research, 2019, 28, 754-767.	1.1	32
38	Biodeterioration of Roman hypogea: the case study of the Catacombs of SS. Marcellino and Pietro (Rome, Italy). Annals of Microbiology, 2019, 69, 1023-1032.	1.1	36
39	Intraspecific discrimination study of wild cherry populations from North-Western Turkey by DNA barcoding approach. Tree Genetics and Genomes, 2019, 15, 1.	0.6	8
40	Lifestyle of a Roman Imperial community: ethnobotanical evidence from dental calculus of the Ager Curensis inhabitants. Journal of Ethnobiology and Ethnomedicine, 2019, 15, 62.	1.1	14
41	Oxidized and amino-functionalized nanodiamonds as shuttle for delivery of plant secondary metabolites: Interplay between chemical affinity and bioactivity. Applied Surface Science, 2019, 470, 744-754.	3.1	18
42	Phytochemical analysis and antioxidant activity ofTamarix africana, Arthrocnemum macrostachyumandSuaeda fruticosa,three halophyte species from Algeria. Plant Biosystems, 2019, 153, 843-852.	0.8	19
43	Genetic characterization of Iranian grapes (Vitis vinifera L.) and their relationships with Italian ecotypes. Agroforestry Systems, 2019, 93, 435-447.	0.9	20
44	From <scp>Robinia pseudoacacia</scp> L. nectar to Acacia monofloral honey: biochemical changes and variation of biological properties. Journal of the Science of Food and Agriculture, 2018, 98, 4312-4322.	1.7	32
45	Bioarchaeological approach to the study of the medieval population of Santa Severa (Rome, 7thâ€“15th) Tj ETQq1 1 0.784314 rgBT /	0.2	4
46	GCâ€“MS detection of plant pigments and metabolites in Roman Julio-Claudian wall paintings. Phytochemistry Letters, 2018, 25, 47-51.	0.6	9
47	Who were the miners of Allumiere? A multidisciplinary approach to reconstruct the osteobiography of an Italian worker community. PLoS ONE, 2018, 13, e0205362.	1.1	13
48	Dental calculus reveals diet habits and medicinal plant use in the Early Medieval Italian population of Colonna. Journal of Archaeological Science: Reports, 2018, 20, 556-564.	0.2	15
49	Effect of thermal liquefying of crystallised honeys on their antibacterial activities. Food Chemistry, 2018, 269, 335-341.	4.2	18
50	Ampelodesmos mauritanicus pyrolysis biochar in anaerobic digestion process: Evaluation of the biogas yield. Energy, 2018, 161, 663-669.	4.5	34
51	Botanical influence on phenolic profile and antioxidant level of Italian honeys. Journal of Food Science and Technology, 2018, 55, 4042-4050.	1.4	36
52	Olea europaea small RNA with functional homology to human miR34a in cross-kingdom interaction of anti-tumoral response. Scientific Reports, 2018, 8, 12413.	1.6	43
53	Hydroalcoholic extract of Spartium junceum L. flowers inhibits growth and melanogenesis in B16-F10 cells by inducing senescence. Phytomedicine, 2018, 46, 1-10.	2.3	32
54	Geographical, botanical and chemical profile of monofloral Italian honeys as food quality guarantee and territory brand. Plant Biosystems, 2017, 151, 450-463.	0.8	30

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55	Royal jelly lipophilic fraction induces antiproliferative effects on SH-SY5Y human neuroblastoma cells. Oncology Reports, 2017, 38, 1833-1844.	1.2	29
56	Growth of Pseudomonas aeruginosa in zinc poor environments is promoted by a nicotianamineâ€related metallophore. Molecular Microbiology, 2017, 106, 543-561.	1.2	84
57	Detection of plant microRNAs in honey. PLoS ONE, 2017, 12, e0172981.	1.1	35
58	Nanodiamonds coupled with 5,7-dimethoxycoumarin, a plant bioactive metabolite, interfere with the mitotic process in B16F10 cells altering the actin organization. International Journal of Nanomedicine, 2016, 11, 557.	3.3	30
59	MicroRNA from Moringa oleifera: Identification by High Throughput Sequencing and Their Potential Contribution to Plant Medicinal Value. PLoS ONE, 2016, 11, e0149495.	1.1	47
60	Grapevine carpological remains revealed the existence of a Neolithic domesticated Vitis vinifera L. specimen containing ancient DNA partially preserved in modern ecotypes. Journal of Archaeological Science, 2016, 69, 75-84.	1.2	35
61	OeFAD8, OeLIP and OeOSM expression and activity in cold-acclimation of Olea europaea, a perennial dicot without winter-dormancy. Planta, 2016, 243, 1279-1296.	1.6	12
62	Lavandula angustifoliaMill. Essential Oil Exerts Antibacterial and Anti-Inflammatory Effect in Macrophage Mediated Immune Response toStaphylococcus aureus. Immunological Investigations, 2016, 45, 11-28.	1.0	65
63	Upgrade of Castanea sativa (Mill.) genetic resources by sequencing of barcode markers. Journal of Genetics, 2015, 94, 519-524.	0.4	11
64	Metabolic and biological profile of autochthonous Vitis vinifera L. ecotypes. Food and Function, 2015, 6, 1526-1538.	2.1	32
65	Nanodiamonds coupled with plant bioactive metabolites: A nanotech approach for cancer therapy. Biomaterials, 2015, 38, 22-35.	5.7	81
66	Detection of new genetic profiles and allelic variants in improperly classified grapevine accessions. Genome, 2014, 57, 111-118.	0.9	18
67	Biochemical Composition and Antioxidant Properties of Lavandula angustifolia Miller Essential Oil are Shielded by Propolis Against <scp>UV</scp> Radiations. Photochemistry and Photobiology, 2014, 90, 702-708.	1.3	30
68	Tetracycline accumulates in <scp>I</scp>beris sempervirens <scp>L</scp>. through apoplastic transport inducing oxidative stress and growth inhibition. Plant Biology, 2014, 16, 792-800.	1.8	65
69	Crocus sativus L. genomics and different DNA barcode applications. Plant Systematics and Evolution, 2013, 299, 1859-1863.	0.3	51
70	Microsatellite analysis of LatialOlea europaeaL. cultivars. Plant Biosystems, 2013, 147, 686-691.	0.8	15
71	Trichomes inCamptotheca acuminataDecaisne (Nyssaceae): Morphology, distribution, structure, and secretion. Plant Biosystems, 2013, 147, 548-556.	0.8	9
72	Tapetum and middle layer control male fertility in Actinidia deliciosa. Annals of Botany, 2013, 112, 1045-1055.	1.4	58

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73	Antioxidant extracts of African medicinal plants induce cell cycle arrest and differentiation in B16F10 melanoma cells. International Journal of Oncology, 2013, 43, 956-964.	1.4	53
74	Identification of ancient Olea europaea L. and Cornus mas L. seeds by DNA barcoding. Comptes Rendus - Biologies, 2012, 335, 472-479.	0.1	37
75	Biochemical, Antioxidant and Antineoplastic Properties of Italian Saffron (<i>Crocus) Tj ETQq1 1 0.784314 rgBT /Overl	0.3	70
76	Nutraceutical properties of honey and pollen produced in a natural park. Agricultural Sciences, 2012, 03, 187-200.	0.2	7
77	Seed structure in Crocus sativus L. Ã—, C. cartwrightianus Herb., C. thomasii Ten., and C. hadriaticus Herb. at SEM. Plant Systematics and Evolution, 2010, 285, 111-120.	0.3	12
78	Antioxidant and antiproliferative activities of phytochemicals from Quince (Cydonia vulgaris) peels. Food Chemistry, 2010, 118, 199-207.	4.2	67
79	Nuclear Shield: A Multi-Enzyme Task-Force for Nucleus Protection. PLoS ONE, 2010, 5, e14125.	1.1	16
80	Characterisation of the phenolic and flavonoid fractions and antioxidant power of Italian honeys of different botanical origin. Journal of the Science of Food and Agriculture, 2009, 89, 609-616.	1.7	72
81	Nutritional and botanical interest of honey collected from protected natural areas. Plant Biosystems, 2009, 143, 62-70.	0.8	11
82	Study of Floristic Diversity and the Structural Dynamics of Some Species Providers of Non Woody Forest Products in the Vegetable Formations of the Centre East of Burkina Faso. Pakistan Journal of Biological Sciences, 2009, 12, 1004-1011.	0.2	5
83	Characterization of Phaseolus vulgaris L. Landraces Cultivated in Central Italy. Plant Foods for Human Nutrition, 2008, 63, 211-218.	1.4	13
84	Sub-cellular localization of manganese in the basal ganglia of normal and manganese-treated rats. NeuroToxicology, 2008, 29, 60-72.	1.4	103
85	Cell cycle arrest and differentiation induction by 5,7-dimethoxycoumarin in melanoma cell lines. International Journal of Oncology, 2008, 32, 425-34.	1.4	13
86	Identification of phenolic compounds from medicinal and melliferous plants and their cytotoxic activity in cancer cells. Caryologia, 2007, 60, 90-95.	0.2	28
87	Gas chromatographyâ€“mass spectrometry analysis of phenolic compounds from Carica papaya L. leaf. Journal of Food Composition and Analysis, 2007, 20, 584-590.	1.9	162
88	Immunocytochemical characterisation of endophytic bacteriaAzospirillum brasilense, Herbaspirillum seropedicae, Burkholderia ambifaria andGluconacetobacter diazotrophicus. Annals of Microbiology, 2006, 56, 393-398.	1.1	0
89	Ultrastructure of chromoplasts and other plastids inCrocus sativusL. (Iridaceae). Plant Biosystems, 2004, 138, 43-52.	0.8	39
90	Localisation of a carbohydrate epitope recognised by human IgE in pollen of Cupressaceae. Journal of Plant Research, 2004, 117, 147-153.	1.2	23

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91	The Iron Superoxide Dismutase from the Filamentous Cyanobacterium Nostoc PCC 7120. Journal of Biological Chemistry, 2004, 279, 44384-44393.	1.6	43
92	Ultrastructural variations inMicrocystis aeruginosa(Chroococcales, Cyanophyta) during a surface bloom induced by high incident light irradiance. Plant Biosystems, 2003, 137, 235-247.	0.8	5
93	Manganese Toxicity: A Critical Reappraisal. , 2003, , 415-425.		0
94	MANGANESE DETECTED BY ELECTRON SPECTROSCOPY IMAGING AND ELECTRON ENERGY LOSS SPECTROSCOPY IN MITOCHONDRIA OF NORMAL RAT BRAIN CELLS. Instrumentation Science and Technology, 2002, 20, 481-491.	0.8	6
95	Superoxide dismutase activity in the cyanobacteriumMicrocystis aeruginosaafter surface bloom formation. New Phytologist, 2001, 152, 107-116.	3.5	30
96	Intracellular localization of calcium, phosphorus and nitrogen in common bean seeds (Phaseolus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.8	5
97	Hermodactylus tuberosusL. (Iridaceae) pollen organisation before and after anther dehiscence. Plant Biosystems, 2000, 134, 353-364.	0.8	6
98	Localization of Fe-containing superoxide dismutase in cyanobacteria from the Baltic Sea: depth and light dependency. New Phytologist, 1998, 139, 247-254.	3.5	14
99	Iron superoxide dismutase (Fe-SOD) localization in Chroococcidiopsis sp. (Chroococcales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.6	19
100	Planktic Diazotrophic Cyanobacteria in the Baltic Sea. Giornale Botanico Italiano (Florence, Italy:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.0	0
101	Localization of calcium in the cyanobiont and gonidial zone ofCycas revoluta Thunb. by microelectrodes, chlorotetracycline, electron spectroscopic imaging and electron energy loss spectroscopy. Protoplasma, 1994, 179, 151-157.	1.0	3
102	Immunocytochemical localization of Feâ€SOD in different cells of Anabaena cylindrica Lemm. grown at two different photon irradiances. New Phytologist, 1993, 125, 361-366.	3.5	5
103	Characterization of gonidial zone ofCycas revolutacoralloid roots by means of microelectrodes. FEMS Microbiology Letters, 1993, 109, 75-79.	0.7	7
104	Sub-cellular distribution of nitrogen compounds inAzolla andAnabaena by ESI and EELS analysis. Protoplasma, 1993, 173, 158-169.	1.0	8
105	Sub-cellular Localization of Calcium inAzolla-AnabaenaSymbiosis by Chlortetracycline, ESI and EELS. Botanica Acta, 1993, 106, 146-153.	1.6	9
106	Ultrastructure and Germination Percentage ofCrocus biflorusMiller subsp.biflorus(Iridaceae) Pollen. Botanica Acta, 1993, 106, 488-495.	1.6	9
107	Superoxide dismutase in symbiotic, free-living and wild Anabaena and Nostoc (Nostocales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.6	9
108	Purification of iron superoxide dismutase from the cyanobacterium Anabaena cylindrica Lemm. and localization of the enzyme in heterocysts by immunogold labeling. Planta, 1992, 187, 438-44.	1.6	28

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109	Localization of iron-superoxide dismutase in the cyanobiont ofAzolla filiculoides Lam. Protoplasma, 1992, 169, 1-8.	1.0	5
110	Ion determinations within Azolla leaf cavities by microelectrodes. Sensors and Actuators B: Chemical, 1992, 7, 431-435.	4.0	9
111	Superoxide dismutase in vegetative cells, heterocysts and akinetes ofAnabaena cylindricaLemm. FEMS Microbiology Letters, 1991, 80, 161-165.	0.7	22
112	Superoxide Dismutase in the Symbiont Anabaena azollae Strasb.. Plant Physiology, 1991, 97, 34-40.	2.3	15
113	Ammonium content, nitrogenase activity and heterocyst frequency within the leaf cavities of Azolla filiculoides Lam. FEMS Microbiology Letters, 1990, 71, 205-210.	0.7	23
114	Oxygen concentration, nitrogenase activity and heterocyst frequency in the leaf cavities ofAzolla filiculoidesLam. FEMS Microbiology Letters, 1989, 59, 283-287.	0.7	35
115	Pilot study for environmental monitoring through beekeeping products of Pistoia territory. Journal of Apicultural Research, 0, , 1-9.	0.7	1
116	Ampelodesmos Mauritanicus Pyrolysis Biochar in Anaerobic Digestion Process: Evaluation of the Biogas Yield. , 0, , .		0